Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 12 Mar 2023 until 23:59 on Monday 13 Mar 2023

Forecast Issued on Saturday 11 Mar 2023 at 12:41

Confidence: High for changeable conditions, lower for freezing levels later in outlook

Headline for Sunday 12 Mar 2023: Mainly cloudy, some patchy drizzle and some brighter spells, then heavier rain from mid afternoon. Hill fog. Strong west or southwest winds.

Mountain weather hazards on Sunday 12 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Fog	Fog	Fog	Sunny intervals	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
70%	40%	20%	20%	10%	40%	80%	70%

Forecast for Sunday 12 Mar 2023

Weather: Light rain and drizzle in early hours, with snow or freezing rain possible at first, becoming mainly dry later in night and during morning, just the odd spot of drizzle. Mostly cloudy with hill fog though some sunny intervals developing for a time around midday, especially in shelter. Then cloud thickening in afternoon with outbreaks of rain developing from mid afternoon onwards, heavy at times, lasting through the evening with hill fog becoming more extensive.

Chance of cloud-free hill tops above 600m: Mostly 10% or less, but 40% for a short time mid morning to early afternoon, especially in the east.

Low Cloud and visibility: Plenty of low cloud, mainly above 450-600m but lifting to 800m for a time mid morning to early afternoon, with some breaks. Visibility away from cloud mostly good around midday but becoming moderate to poor in the rain and drizzle.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Sunday 12 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/22 SE	18/29 SW	27/42 W	28/42 W	23/35 W	21/31 SW	23/34 SW	19/29 S	23/34 S
300	7/17 SE	8/23 SW	17/37 W	18/36 W	18/35 W	15/31 SW	14/30 SW	11/26 S	13/29 S
Valley	8/16 SE	4/15 SW	11/27 W	12/26 W	13/27 SW	11/25 SW	11/26 SW	11/26 S	14/30 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-8	2/-4	3/-4	3/-3	4/-2	5/-1	5/-0	5/1	6/1
300	0/-3	2/-1	5/-0	6/1	7/2	7/3	7/4	7/4	8/5
Valley	2/-2	4/2	6/3	7/4	8/5	8/6	9/6	9/6	9/7
Freezing Level*	300m	1300m	1200m	1100m	1200m	1400m	1700m	2100m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A thaw of lying snow on Sunday.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 11 Mar 2023	0mm	8.8mm	11.4mm

Forecast for Monday 13 Mar 2023

Weather: Cloudy with further rain, heavy at times, turning to snow above 300m by evening then to low levels during the evening though it will be lighter by then. Becoming clearer and drier around midnight.

Maximum wind: Southwest 45 gusts 60mph easing 30 gusts 45mph in afternoon then veering north or northwest in the evening.

Chance of cloud-free hill tops above 600m: 20% or less lifting 80% later in evening.

Low Cloud and visibility: Widespread cloud 300-500m, the bases slightly higher in the northeast, with moderate to poor visibility in rain underneath. Exposure to the lowest cloud bases changing with wind direction towards evening, with poor visibility in snow, but cloud will lift and break towards midnight.

Temperature: **Valleys:** Plus 8 Celsius falling to Plus 4 towards evening and zero by mid to late evening.
At 600m: Plus 6 Celsius falling to Plus 2 by evening then Minus 3 by mid to late evening.
Freezing level: Above summits most of day, then falling quickly to 600m later in the afternoon then to low levels by mid to late evening.

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